# EXHIBIT 1

### CURRICULUM VITAE

Name:

Richard Kroczek, M.D.

Occupation:

Professor, Molecular Immunology Robert Koch-Institute

Nordufer 20, 13353 Berlin, Germany

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Personal Information:

born November 3, 1952 in Orlau

Nationality: German

## Education and Training:

1964 - 1973	Attending the Hans-Leinberger- Gymnasium in Landshut, Germany; graduated first in the class of 1973
1973 - 1976	Pre-clinical studies at the University of Kiel
1976 - 1977	Medical School, University of Bonn
1977 - 1978	Westminster Hospital Medical School, London, supported by a grant from the Deutscher Akademischer Austauschdienst
1978 - 1981	Continuation of clinical studies at the University of Bonn
1981	Final Medical Exam ("Staatsexamen"); Doctoral thesis; Medical License
1981 - 1983	Residency in Pediatrics at the Munich University Children's Hospital
1983	American Medical Exam (VQE)
1984 - 1986	Postdoctoral Fellow in Immunology with Dr. Ethan Shevach in the Laboratory of Allergy and Infectious Diseases, NIH, USA. Supported by a grant from the Deutsche Forschungsgemeinschaft. Research topics:
	Forschungsgemeinschaft. Research of Role of Thy-1 in T-cell activation, action of cyclosporin A
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Research fellow of the Fogarty Foundation



1986 - 1987 Postdoctoral fellow at the Max-Planck-Institute for Immunobiology in Freiburg

Employment:					
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1987 - 1992	Head of a research group at the Max-Planck-Society Research Unit for Immunology in Erlangen, Germany
1990	Habilitation at the University of Erlangen; faculty member of the university
1997	Professor, University of Erlangen
1993 -	Head, Molecular Immunology, Robert Koch-Institute, Berlin
1999	Offered chair in immunology at the Free . University of Berlin (not accepted)

#### Current research:

Molecular mechanisms of early T cell activation, T cell/B cell cooperation, T cell/monocyte cooperation, T cell/dendritic cell cooperation focus on the function of CD40 Ligand, ATAC and ICOS molecules in vitro and in vivo

# Professional and scientific activities:

Member of the German Society for Immunology.

Reviewer for various scientific journals (European Journal of Immunology, Journal of Immunology, European Journal of Biochemistry, Blood, Journal of Clinical Investigation, Nature Medicine).

Reviewer for various scientific societies and funding agencies.

#### Honors:

Science prize of the SmithKline Beecham Foundation 1999.

#### PUBLICATIONS

- Kroczek RA, Däumling S, Belohradsky BH.
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- 4. Kroczek RA, Mühlbauer W, Zimmermann S.
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  European Journal of Pediatrics 145 (1986) 442-445
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  Scandinavian Journal of Immunology 31 (1990) 213-224
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  Expression of the CD2 activation epitope T11-3 (CD2R) on T-cells in rheumatoid arthritis, juvenile rheumatoid arthritis, systemic lupus erythematosus, ankylosing spondylitis, and lyme disease: phenotypic and functional analysis.

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